

0590  
09/19

#2

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/940,227

DATE: 09/13/2001

TIME: 11:24:04

Input Set : A:\Dex-0231.app

Output Set: N:\CRF3\09132001\I940227.raw

ENTERED

P.5

3 <110> APPLICANT: Chen, Sei Yu  
4 Macina, Roberto  
5 Sun, Yongming  
6 Recipon, Herve  
8 <120> TITLE OF INVENTION: Compositions and Methods Relating to Lung Specific  
9 Genes  
11 <130> FILE REFERENCE: DEX-0230  
C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/940,227  
C--> 14 <141> CURRENT FILING DATE: 2001-08-27  
16 <150> PRIOR APPLICATION NUMBER: 60/228,378  
17 <151> PRIOR FILING DATE: 2000-08-28  
19 <160> NUMBER OF SEQ ID NOS: 84  
21 <170> SOFTWARE: PatentIn Ver. 2.1  
23 <210> SEQ ID NO: 1  
24 <211> LENGTH: 1361  
25 <212> TYPE: DNA  
26 <213> ORGANISM: Homo sapiens  
28 <400> SEQUENCE: 1  
29 caacctgtct gtgtctgccc aggcctggag ttgtgtgacc ctccccaccg cctggccttc 60  
30 tccatggggg ctggcctttt ctgggtgggt ggcacctgc tgctgcccgg cctggctgcg 120  
31 cttgtgcagg actggcgtct tctgcagggg ctgggtgccc tgatgagtgg actcttgcgtg 180  
32 ctcttttggg ggaggaggtg gagggagccg tgggcatcct caccaacgct gcaggttccc 240  
33 ggccctgttc cccgagtctc cctgctggct gctggccaca ggtcaggtag ctcgagccag 300  
34 gaagatcctg tggcgctttg cagaagccag tggcgtgggg ccccggggac agttccttgg 360  
35 aggagaactc cctggctaca gagctgacca tgctgtctgc acggagcccc cagccccggt 420  
36 accactcccc actggggctt ctgcgtaccc gagtcacctg gagaaacggg cttatcttgg 480  
37 gcttcagctc gctggttggt ggagagcatc agagctagct tccgcgcgag cctggcacct 540  
38 caggtgccga cttctacct gccctacttc ctggaggccg gcctggaggc ggcagccttg 600  
39 gtcttctgc tcctgacggc agattgctgt ggacgcgcc ccgtgctgct gctgggcacc 660  
40 atggtcacag gccctggcatc cctgctgctc ctgctgggg cccagtatct gccaggctgg 720  
41 actgtgctgt tcctctctgt cctggggctc ctggcctccc gggctgtgtc cgcactcagc 780  
42 agcctcttcg cggccgaggt cttccccacg gtgatcaggg gggccgggct gggcctggtg 840  
43 ctggggggccg ggttcctggg ccaggcagcc ggccccctgg acaccctgca cggccggcag 900  
44 ggcttcttcc tgcaacaagt cgtcttcgcc tcccttgctg tccttgccct gctgtgtgtc 960  
45 ctgctgctgc ctgagagccg aagccggggg ctgccccagt cactgcagga cgccgaccgc 1020  
46 ctgcgcgct cccactcct gcggggccgc cccgcgccag accacctgcc tctgctgccg 1080  
47 cctccaact cctactgggc cggccacacc cccgagcagc actagtcttg cctggtggcc 1140  
48 ctgggagcca ggtatgggacc aaagtcaagg cctggggcat ggctgagtac ccagacgtc 1200  
49 tgggtccagg cagacacatt cctctcagaa gccctgtgtc cagtgcaggt ggagccgtgg 1260  
50 ggacagcgtg aaggtgtctc cagccaggcc ccaggcactg ggaggccctg ggtctcccc 1320  
51 cagccacacc cagtaggtgt ggaggataaa ggcttctgtg g 1361  
54 <210> SEQ ID NO: 2  
55 <211> LENGTH: 1408  
56 <212> TYPE: DNA  
57 <213> ORGANISM: Homo sapiens  
59 <400> SEQUENCE: 2  
60 caaatattaa ctttgttttt ttaatagaag aatactctga attcctttca agcaatacaa 60

## RAW SEQUENCE LISTING

DATE: 09/13/2001

PATENT APPLICATION: US/09/940,227

TIME: 11:24:04

Input Set : A:\Dex-0231.app

Output Set: N:\CRF3\09132001\I940227.raw

```

61 tctaaaatga gcaagtttagc ctcaatagca ccccaaaata gaagttcttg gtatcttaac 120
62 agcttaacaa ggaggagctt gtgttcctac tgatgtcaaa agaaatgctt aaagatctca 180
63 gttggcttta tgggtgattct agaactgggc aatacttgcc accttaaatt agaataaggt 240
64 ttccaatgag ttacagcaga ggagattggc ttcatagaca gaaaaaggtc tgaagaaagc 300
65 agaaacaaag aattttaaagt ggattggcta ttttaaagct ggttaaagtt gcaaaagaca 360
66 ggaataggga aacagaataa taaataactg gttgggttaac atcagggttac tcttttghta 420
67 ggatgccaat tgaaactggc ctgtttgga gattagattt ttaggttatt aggttattat 480
68 ctctctctcc tgatttttcc aaaggccaga taagaatgta gtttctgttt gatgacttga 540
69 aacttttatcg tgggtgattc cattttgatt tttagtctgt tctgtttggg cctagtgcag 600
70 gagcttagtg caaaacaaca gcctcctaaa atttaaaaga ctttaaagaa catacatgag 660
71 tttttcatca gataatattt atttgtattc attaatattt ttgattggtt aagtcttggc 720
72 tcccagaaat ctttgctcag aggaattttt caatccttgg ctattattct ccttatagtt 780
73 attgtattta cctccccggt gtattgaatt atcctatggg ttttaaagtc tttcctgcag 840
74 ccacctggac gtcaaagat tgccatcaga aagagacaac ctgaagaaac caacaatgac 900
75 tatgaaacag ctgacggcgg ctacatgact ctgaacccca gggcacctac tgacgatgat 960
76 aaaaacatct acctgactct tctctccaat gaccatgtca acagtaataa ctaaagagta 1020
77 acgttatgcc atgtggtcac actctcagct tgctgagtg atgacaaaaa gaggggaatt 1080
78 gttaaaggaa aattttaaat gagactggaa aaattcctga gcaaacaaaa ccacctggcc 1140
79 cttagaaata gctttaactt tgcttaact acaaacacaa gcaaaacttc acggggtcat 1200
80 actacatata agcataagca aaacttaact tggatcattt ctggtaaatg cttatgttag 1260
81 aaataagaca accccagcca atcacaagca gcctactaac atataattag gtgactaggg 1320
82 actttctaag aagataccta ccccaaaaaa acaattatgt aattgaaaac caaccgattg 1380
83 cttttatttt gcttccacat tttcccaa 1408

```

86 &lt;210&gt; SEQ ID NO: 3

87 &lt;211&gt; LENGTH: 1869

88 &lt;212&gt; TYPE: DNA

89 &lt;213&gt; ORGANISM: Homo sapiens

91 &lt;400&gt; SEQUENCE: 3

```

92 cccctcagga gcgcgttact tcacaccttc ggcagcagga gggcggcact tctcgcaggc 60
93 ggcagggcgg gcggccagga tcatgtccac caccacatgc caagtgggtg cgttcctcct 120
94 gtccatcctg gggctggcgg gctgcctcgc ggccaccggg atggacatgt ggagcaccga 180
95 ggacctgtac gacaaccccg tcacctccgt gttccagtac gaagggtctt ggaggagctg 240
96 cgtgaggcag agttcaggct tcaccgaatg caggccctat ttcaccatcc tgggacttcc 300
97 agccatgctg caggcagtgc gagccctgat gatcgtaggc atcgtcctgg gtgccattgg 360
98 cctcctggta tccatctttg ccctgaaatg catccgcatt ggcagcatgg aggactctgc 420
99 caaagccaac atgacactga cctccgggat catgttcatt gtctcaggtc tttgtgcaat 480
100 tgctggagtg tctgtgtttg ccaacatgct ggtgactaac ttctggatgt ccacagctaa 540
101 catgtacacc ggcattgggtg ggatgggtga gactgttcag accagggtaca catttggtgc 600
102 ggctctgttc gtgggctggg tcgctggagg cctcacacta attgggggtg tgatgatgtg 660
103 catgcctgct cggggcctgg caccagaaga aaccaactac aaagccgttt cttatcatgc 720
104 ctgagccac agtggtgcct acaagcctgg aggcctcaag gccagcactg gctttgggtc 780
105 caacacaaaa aacaagaaga tatacgatgg aggtgcccgc acagaggacg aggtacaatc 840
106 ttatccttcc aagcacgact atgtgtaatg ctctaagacc tctcagcacg ggcggaagaa 900
107 actcccggag agctcaccca aaaaacaagg agatcccatc tagattttct cttgcttttg 960
108 actcacagct ggaagttaga aaagcctcga tttcatcttt ggagaggcca aatgggtctta 1020
109 gcctcagtct ctgtctctaa atattccacc ataaaacagc tgagttattt atgaattaga 1080
110 ggctatagct cacattttca atcctctatt tcttttttta aatataactt tctactctga 1140
111 tgagagaatg tggttttaat ctctctctca cattttgatg atttagacag actccccctc 1200
112 ttctccttag tcaataaacc cattgatgat ctatttccca gcttatcccc aagaaaactt 1260

```

## RAW SEQUENCE LISTING

DATE: 09/13/2001

PATENT APPLICATION: US/09/940,227

TIME: 11:24:04

Input Set : A:\Dex-0231.app

Output Set: N:\CRF3\09132001\I940227.raw

```

113 ttgaaaggaa agagtagacc caaagatggt attttctgct gtttgaattt tgtctcccca 1320
114 cccccaactt ggctagtaat aaacacttac tgaagaagaa gcaataagag aaagatatatt 1380
115 gtaatctctc cagcccatga tctcgggtttt cttacactgt gatcttaaaa gttaccaaac 1440
116 caaagtcatt ttcagtttga ggcaacccaaa cttttctact gctgttgaca tcttcttatt 1500
117 acagcaacac cattctagga gtttcctgag ctctccactg gagtcctctt tctgtcgcgg 1560
118 gtcagaaatt gtccctagat gaatgagaaa attatttttt ttaattttaag tcctaaatat 1620
119 agttaaata aataatgttt tagtaaaatg atacactatc tctgtgaaat agcctcacc 1680
120 ctacatgtgg atagaaggaa atgaaaaaat aattgctttg acattgtcta tatggtactt 1740
121 tgtaaaagtc tgcttaagta caaattccat gaaaagctca ctgatoctaa ttctttccct 1800
122 ttgaggtctc tatggctctg attgtacatg atagtaagtg taagccatgt aaaaagtaaa 1860
123 taatgtctg                                     1869

```

126 &lt;210&gt; SEQ ID NO: 4

127 &lt;211&gt; LENGTH: 624

128 &lt;212&gt; TYPE: DNA

129 &lt;213&gt; ORGANISM: Homo sapiens

131 &lt;400&gt; SEQUENCE: 4

```

132 agcgagtggt ccactatggg gtctgggctg ccccttgctc tctcttgac cctccttggc 60
133 agctcacatg gaacaggtga gggctagagg gcaggactcc tgggtccctg tggcaagaag 120
134 aggccagaga aaaggggtgg gacttcatgg tccctgagag tgacagagac accccagtc 180
135 tgagcttcca agagggctctg gagggggcatt gctgggggag aggaactgtg ccggggagcg 240
136 tgagcaggaa ggttctgtgt ctccggagga atcagccctg actgctgggt cctaagctgt 300
137 acttctggat ccgcaggggc gggatgact ttgcaactga agctgaagga gtcttttctg 360
138 acaaattcct cctatgagtc cagcttccct gaattgcttg aaaagctctg cctcctcctc 420
139 catctccctt cagggaccag cgtcaccctc caccatgcaa gatctcaaca ccatgttgct 480
140 tgcaacacat gacagccatt gaagcctgtg tccttcttgg cccgggcttt tgggccgggg 540
141 atgcaggagg caggccccga cctgtctttt cagcaggccc ccaccctcct gagcggcaat 600
142 aaataaaatt cggtatgctg aatt                                     624

```

145 &lt;210&gt; SEQ ID NO: 5

146 &lt;211&gt; LENGTH: 5746

147 &lt;212&gt; TYPE: DNA

148 &lt;213&gt; ORGANISM: Homo sapiens

150 &lt;400&gt; SEQUENCE: 5

```

151 cgcgacccag gcgcgggttc ccggaggaca gccacaagc gatgctgccg ccgccgtttc 60
152 ctgattgggt gtgggtgggt acctcttctg tctgattggc cgctagttag caagatgctg 120
153 agcaagggtc tgaagcggaa acgggaggag gaggaggaga aggaacctct ggcagtcgac 180
154 tcttggtggc tagatcctgg ccacacagcg gtggcacagg ccccccggc cgtggcctct 240
155 agtccctct ttgacctctc agtgcctcaag ctccaccaca gcctgcagca gagtgagccg 300
156 gacctgcggc acctgggtgt ggtcgtgaac actctgcggc gcatccaggc gtccatggca 360
157 cccgcggctg ccctgccacc tgtgcctagc ccacctgcag cccccagtgt ggctgacaac 420
158 ttactggcaa gctcggacgc tgccctttca gcctccatgg ccagcctcct ggaggacctc 480
159 agccacattg agggcctgag tcaggctccc caacccttg cagacgaggg gccaccaggc 540
160 cgtagcatcg ggggagcagc gccagcctg ggtgccttg acctgctggg cccagccact 600
161 ggctgtctac tggacgatgg gcttgagggc ctgtttgagg atattgacac ctctatgtat 660
162 gacaatgaac tttgggcacc agcctctgag ggcctcaaac caggccctga ggatgggccc 720
163 ggcaaggagg aagctccgga gctggacgag gccgaattgg actacctcat ggatgtgctg 780
164 gctccgggca tgacctcac agccacgggc ctgggacaga gagctgatga cccaggagac 840
165 cccctctact accacctaca aggttcaggc ttctcgtgtc cccagctcag gactctgtgc 900
166 tgtgtatcag tcctggagcg ccggacccag gaggcccaag gagctggagg tgaccctcag 960
167 gcagcaagaa cccccacgga agggcgtgag cctggcagac agctgtgcgg cacctcgggc 1020

```

## RAW SEQUENCE LISTING

DATE: 09/13/2001

PATENT APPLICATION: US/09/940,227

TIME: 11:24:04

Input Set : A:\Dex-0231.app

Output Set: N:\CRF3\09132001\I940227.raw

```

168 tgggcctcct gttaggagga agtgctgca cccaggcagc ggctcagagg cagctgctcc 1080
169 atgcagaact gaagctggtt ctgcagcaga aaggaggagag gacacaggag cctgggggtgc 1140
170 aggtgcctcc cagcaacgcc atggaggcca ggagccggag tgccgaggag ctgaggcggg 1200
171 cggagtgggt ggaaattatc gtggagacgg aggcgcagac cggggtcagc ggcattcaacg 1260
172 tagcgggcgg cggcaaaagag ggaatcttcg ttccgggagct gcgcgaggac tcacccgccg 1320
173 ccaggagcct cagcctgcag gaaggggacc agctgctgag tgcccagagt ttcttcgaga 1380
174 acttcaagta cgaggacgca ctacgcctgc tgcaatgcgc cgagccttac aaagtctcct 1440
175 tctgcctgaa gcgcactgtg cccaccgggg acctggctct gcggcccggg accgtgtctg 1500
176 gctacgagat caagggcccg cgggccaagg tggccaagct gaacatccag agtctgtccc 1560
177 ctgtgaagaa gaagaagatg gtgcctgggg ctctgggggt ccccgctgac ctggcccctg 1620
178 ttgacgtcga gttctcctt cccaagtctt cccgctgcg tcggggcctc aaagccgagg 1680
179 ctgtcaaggg tctgtccccg gctgccccct cccgccggcg cctccagctg cctcggtctg 1740
180 gtgtacgaga agtgccgaa gaggctcagg cagcccgct ggccgccgcc gtcctcccc 1800
181 ccaggaaagc caaggtggag gctgaggtgg ctgcaggagc tcgtttcaca gcccctcagg 1860
182 tggagctggt tggcccgcg ctgccagggg cggaggtggg tgtccccag gtctcagccc 1920
183 ccaaggctgc cccctcagca gaggcagctg gtggctttgc cctccacctg ccaacccttg 1980
184 ggctcggagc cccggtccg cctgctgtgg agggcccagc cgtgggaatc cagggtcccc 2040
185 aggtggagct gcctgccttg ccctactgc ccactctgcc cacacttccc tgcttagaga 2100
186 cccgggaagg ggctgtgtcg gtagtggtgc ccaccctgga tgtggcagca ccgactgtgg 2160
187 ggggtgacct ggccttgccg ggtgcagagg tggaggcccg gggagaggca cctgaggtgg 2220
188 ccctgaagat gccccgcctt agttttcccc gatttggggc tcgagcaaag gaagttgctg 2280
189 aggccaaagt agccaaagtc agccctgagg ccagggtgaa aggtcccaga cttcgaatgc 2340
190 ccacctttgg gctttccctc ttggagcccc ggcccgtgc tcctgaagtt gtagagagca 2400
191 agctgaagct gccaccatc aagatgccct cccttggcag cgagtgctca gggcccgagg 2460
192 tcaagtgcc caagggacct gaagtgaagc tccccaaagg tcctgaggtc aagcttccaa 2520
193 aagtgccga ggcagccctt ccagaggttc gactcccaga ggtggagctc cccaaggtgt 2580
194 cagagatgaa actcccaaag gtgccagaga tggctgtgcc ggaggtgcgg ctccagagg 2640
195 tagagctgcc caaagtgtca gagatgaaac tcccaaagg ggcagagatg gctgtgccgg 2700
196 aggtgcgggt tccagaggtc cagctgctga aagtgtcgg gatgaaactc ccaaagggtg 2760
197 cagagatggc tgtgccggag gtgcggcttc cagaggtaca gctgccgaaa gtgtcagaga 2820
198 tgaaactccc agaggtgtca gaggtggctg tgccagaggt gcggcttcca gaggtgcagc 2880
199 tgccgaaagt gccagagatg aaagtccctg agatgaagct tccaaagggt cctgagatga 2940
200 aacttcctga gatgaaactc cctgaagtgc aactcccga ggtgcccgag atggccgtgc 3000
201 ccgatgtgca cctcccagaa gtgcagcttc caaaagtccc agagatgaag ctccctgaga 3060
202 tgaaactccc tgaggtgaaa ctcccgaagg tgcccgagat ggctgtgccc gatgtgcacc 3120
203 tcccggaaag gcagctcccg aaagtcccag agatgaaact ccctaaaatg cctgagatgg 3180
204 ctgtgccaga ggttcgactc cccgaggtgc agctgccaaa agtctcagag atgaaactcc 3240
205 ccaagtgcc tgaatggcc gtgcccgatg tgcacctccc agaggtgcag ctgcccagag 3300
206 tctgtgaaat gaaagtccct gacatgaagc tcccagagat aaaactcccc aaggtgcctg 3360
207 agatggctgt gccgatgtg cacctccccg aggtgcagct gccgaaagtg tcagagattc 3420
208 ggctgccgga aatgcaagtg ccgaaggttc ccgacgtgca tcttccgaag gcaccagagg 3480
209 tgaagctgcc cagggtcccg gaggtgcagc taaaggccac caaggcagaa caggcagaag 3540
210 ggatggaatt tggcttcaag atgcccaga tgaccatgcc caagctaggg agggcagagt 3600
211 ccccatcacg tggcaagcca ggcgaggcgg gtgctgaggt ctcagggaag ctggtaacac 3660
212 ttccctgtct gcagccagag gtggatggtg aggtcatgt ggggtgtccc tctctcactc 3720
213 tgccttcagt ggagctagac ctgccaggag cacttggcct gcaggggcag gtcccagccg 3780
214 ctaaaatggg caagggagag cgggcggagg gcccgaggt ggcagcaggg gtcagggag 3840
215 tgggcttcgg agtgccctct gttgaaattg tcacccaca gctgcccgcc gtggaaattg 3900
216 aggaaggcgg gctggagatg atagagacaa aagtcaagcc ctcttccaag ttctccttac 3960

```

## RAW SEQUENCE LISTING

DATE: 09/13/2001

PATENT APPLICATION: US/09/940,227

TIME: 11:24:04

Input Set : A:\Dex-0231.app

Output Set: N:\CRF3\09132001\I940227.raw

```

217 ctaagtttgg actctcgggg ccaaaggtgg ctaaggcaga ggctgagggg gctgggagag 4020
218 ctaccaagct gaaggtatcc aaatttgcca tctcactccc caaggctcgg gtgggggctg 4080
219 aggctgaggg caaaggggct ggggaggcag gcctgctgcc tgccctcgat ctgtccatcc 4140
220 cacagctcag cctggatgcc cacctgccct caggcaaggt agaggtggca ggggccgacc 4200
221 tcaagttcaa ggggccaggg ttgtctctcc ccaagtttgg ggtcagaggc cgggacactg 4260
222 aggcagcaga actagtcca ggggtggctg agttggaggg caagggtctg ggctgggatg 4320
223 ggagggtgaa gatgcccaag ctgaagatgc cttcctttgg gctggctcga gggaaggaag 4380
224 cagaagttca aggtgatcgt gccagcccgg gggaaaaggc tgagtccacc gctgtgcagc 4440
225 ttaagatccc cgaggtggag ctggtcacgc tgggcgccc ggaggaaggg agggcagagg 4500
226 gggctgtggc cgtcagtgga atgcagctgt caggcctgaa ggtgtccaca gccaggcagg 4560
227 tggtcactga gggccatgac gcggggctga ggaatgcctcc gctgggcatc tccctgccac 4620
228 aggtggagct gaccggcttt ggggaggcag gtaccccagg gcagcaggct cagagtacag 4680
229 tcccttcagc agagggcaca gcaggctaca gggttcaggt gcccaggtg accctgtctc 4740
230 tgcttgagc ccaggttgca ggtggtgagc tgctggtggg tgagggtgtc tttaagatgc 4800
231 ccaccgtgac agtgcgccag cttgagctgg acgtggggct aagccgagag gcacaggcgg 4860
232 gcgaggcggc cacaggcgag ggtgggctga ggctgaagtt gccacactg ggggccagag 4920
233 ctaggggtgg gggcgagggt gctgaggagc agccccagg ggccgagcgt accttctgcc 4980
234 tctcactgcc cgacgtggag ctctcgccat ccgggggcaa ccatgccgag taccagggtg 5040
235 cagaggggga gggagaggcc ggacacaagc tcaaggtacg gctgccccgg tttggcctgg 5100
236 tgcgggccaa ggagggggcc gaggaggggt agaaggccaa gagccccaaa ctcaggctgc 5160
237 cccgagtggg cttcagccaa agtgagatgg tcaactgggga aggggtcccc agccccgagg 5220
238 aggaggagga ggaggaggaa gagggcagtg gggaaagggc ctcgggtcgc cggggccggg 5280
239 tccgggtccg cttgccacgt gtaggcctgg cggccccttc taaagcctct cgggggcagg 5340
240 agggcgatgc agcccccaag tccccctca gagagaagtc acccaagttc cgcttcccca 5400
241 ggggtgccct aagccccaa gcccggagtg ggagtgggga ccaggaagag ggtggattgc 5460
242 ggggtgcggc gccagcgtg gggttttcag agacaggggc tccaggcccg gccaggatgg 5520
243 agggggctca ggtgcggct gtctgaagcc ctagtcaga tggggatccc ttcttgctt 5580
244 cttttctcta cccctcgtc gttgtgtgtg tgataactag cactaaccct aagagggccg 5640
245 ggaggtgggt gactgaccag ggctggcagg gaggcctgct cctgtctctc tggcaggagt 5700
246 gcctgtaccc caccaagcca tgtgaataaa ataactctgga agcaaaa 5746

```

249 &lt;210&gt; SEQ ID NO: 6

250 &lt;211&gt; LENGTH: 1639

251 &lt;212&gt; TYPE: DNA

252 &lt;213&gt; ORGANISM: Homo sapiens

254 &lt;220&gt; FEATURE:

255 &lt;221&gt; NAME/KEY: unsure

256 &lt;222&gt; LOCATION: (1447)

258 &lt;220&gt; FEATURE:

259 &lt;221&gt; NAME/KEY: unsure

260 &lt;222&gt; LOCATION: (1554)

262 &lt;220&gt; FEATURE:

263 &lt;221&gt; NAME/KEY: unsure

264 &lt;222&gt; LOCATION: (1574)

266 &lt;220&gt; FEATURE:

267 &lt;221&gt; NAME/KEY: unsure

268 &lt;222&gt; LOCATION: (1592)

270 &lt;220&gt; FEATURE:

271 &lt;221&gt; NAME/KEY: unsure

272 &lt;222&gt; LOCATION: (1595)

Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/940,227

DATE: 09/13/2001

TIME: 11:24:05

Input Set : A:\Dex-0231.app

Output Set: N:\CRF3\09132001\I940227.raw

L:13 M:270 C: Current Application Number differs, Replaced Application Number  
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:307 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:6  
L:307 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:308 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:6  
L:308 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:309 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:6  
L:309 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:439 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:10  
L:439 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10